



2,4-TOLUENEDIAMINE

UN 1709

Shipping Name: 2,4-Toluenediamine, or 2,4- Toluylenediamine

Other Names: 2,4-Diaminotoluene
Diaminotoluene

Toluene-2,4-diamine
Toluene diamine



Hazards: <ul style="list-style-type: none"> ● May interfere with the body's ability to use oxygen ● Vapors are heavier than air and will collect and stay in low areas ● Irritating to skin, eyes, nose and lungs ● Container may explode when exposed to fire ● Combustion or decomposition products upon heating include toxic nitrogen oxides 	Description: <ul style="list-style-type: none"> ● Colorless solid ● No odor found ● Floats on the surface of water and is slightly soluble in water ● Flammable ● Vapors are heavier than air and will collect and stay in low areas
Awareness and Operational Level Training Response: <ul style="list-style-type: none"> ● Stay upwind ● Determine the extent of the problem ● Isolate the area of release or fire and deny entry ● For container exposed to fire evacuate the area in all directions because of the risk of explosion ● Notify local health and fire officials and pollution control agencies ● If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water 	Operational Level Training Response: RELEASE, NO FIRE: <ul style="list-style-type: none"> ● Cover material to protect from wind, rain or spray ● Prevent contaminated runoff from entering sewers and waterways if it can be done safely well ahead of the release FIRE: <ul style="list-style-type: none"> ● Material does not easily burn; fight surrounding fire with an agent appropriate for the burning material ● Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely ● If cooling streams are ineffective (unvented container distorts, bulges or shows any other signs of expanding), withdraw immediately to a secure location

First Aid:

- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ◆ Inhalation - remove the victim to fresh air and give oxygen if available
 - ◆ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ◆ Eye - rinse eyes with large volumes of water or saline for 15 minutes
 - ◆ Swallowed - do not make the victim vomit
- Seek medical attention
- Note to physician: can cause methemoglobinemia; if symptoms indicate, methylene blue is the initial antidote

CAS: 95-80-7